

ECS Configuration Change Request

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1. Originator Cherry Kenney	2. Log Date: 12/11/01	3. CCR #: 01-0932	4. Rev: —	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. DEV/SWIT
8. CCR Title: TE_6A.04_INGEST.04B For EDC DAAC only. Contains fix for New Providers needed to support CCR 01-123						
9. Originator Signature/Date Cherry A. Kenney /s/ 12/11/01			10. Class II	11. Type: CCR	12. Need Date: 11DEC01	
13. Office Manager Signature/Date Arthur Cohen /s/ 12/11/01			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:			17. Schedule Impact:		18. CI(s) Affected:INGEST cm	
19. Release Affected by this Change: 6A		20. Date due to Customer: 11Dec01		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 32457						
23. Problem: (use additional Sheets if necessary) 32457 - New DataProviders needed to support CCR 01						
24. Proposed Solution: (use additional sheets if necessary) Deliver TE_6A.04_INGEST.04B For EDC DAAC only. TE can be loaded on top of Patch_6A.04_INGEST.03.						
25. Alternate Solution: (use additional sheets if necessary) Wait until next s/w release.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Delays in getting fixes to the field, EDC DAAC must continue to work around problems						
27. Justification for Emergency (If Block 15 is "Emergency"): Corrections are required at EDC DAAC to continue operational testing of 6A04.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Randall J. Miller /s/ 12/11/01			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB			
33. M&O CCB Chair (Sign/Date): Pamela Johnson /s/ 12/11/01			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Cherry Kenney

Telephone: 301-883-4177 **Office:** 3204D

Title of Change: TE_6A.04_INGEST.04B For EDC DAAC only. Contains fix for New Providers needed to support CCR 01-123

Actions

ClearCase please build SGI Tar file from the 6A04NOFW baseline for the following packages:

.EcInDatabase.pkg

Please name the Tar file TE_6A.04_INGEST.04B

>

>>

DAAC INSTALL INSTRUCTIONS

Use E.A.S.I to install the database package on all appropriate hosts.

.EcInDatabase.pkg

1 For EVERY MODE you now must run the mkcfg -- For new polling providers this makes the new remote and local directories used by polling.

YOU MUST RUN MKCFG EVERY TIME NEW POLLING PROVIDERS ARE INSTALLED.

2. Use E.A.S.I. to run mkcfg.

- a. In the File Selection pop-up window click on .cfgparms. and OK.
- b. Now click on OK in the Configurable Parameters window. (No config changes are needed.)

This will run the Mkcfgs. New .CFG and .PCFG files will be created for all servers

3. For EVERY MODE you must apply the latest Database patches.

NOTE: BEFORE YOU APPLY ANY DATABASE PATCH, ALWAYS BACKUP THE DATABASE.

To apply the database patch do the following:

- a. If EcsAssist SubsysMgr is not already up, bring it up on the host where the Ingest Database packages is installed.
- b. Choose the mode
- c. Click on INGEST
- d. Click on EcIn
- e. Click on the Database button and pick Patch from the Pull Down
- f. Click on .dbparms and then OK in the File selection window.
- g. The PATCH number should say 6145. Enter the DBO ID, Password, SQL Server Name and Database Name. Then Click OK
- h. Verify the Patch is applied correctly by checking the EcInDbPatch.log in the logs directory.

The latest patch adds two new DataProviders LAM01/02 to the InExternalDataProviderInfo table.

4. For EVERY MODE you wish to set up new Polling Clients you must complete this step.

To set up new polling providers and/or delete old ones do the following

Bring Up EcsAssist as described in step 3.

a. Start Ecs Subsys Manager on the host where EcInPolling runs. (You may have to do this on more than one host - xxicgmn and xxacgmn.)

b. Choose the MODE

c. Click on INGEST

d. Click on EcIn

e. Click on Configuration button

f. In the file selection pop-up window click on .cfgInPollwop (file for Polling without Delivery Record)

g. In the file selection pop-up window click on .cfgInPollop (file for Polling with Delivery Record)

h. In the file selection pop-up window click on .dataproviders (List of all configured Data Providers)

i. In the file selection pop-up window click on .granservers (List of all Gran Servers)

j. In the Ingest Specific Files window click on Polling Data Provider WO/Dr

k. A new pop-up box called "Polling Client Setup" will appear. Click on Next until you get to the one listed for FDDAQUA. Then click on Remove. A new pop-up box will say, "Deleting data provider FDDAQUA . Do you want to continue?" . Click on Yes. Next click on Exit

l. In the Ingest Specific Files window click on Polling Data Provider W/DR.

Click on next until you get the last DataProvider. Then on top of the currently display information add the following information:

Dataprovider -- (example FDDAQUA)

Polling Timer Interval (this value is seconds)

Compare File Contents Flag -- no

Polling Directory -- Put the full path name to the Polling Directory

Hostname -- The name of the host where the polling directory resides. (Usually the local host)

Click on Add. A new pop-up will display "Adding data provider <NAME OF data Provider>. Do you want to Continue?" Enter a Yes.

For every new DataProvider you want to add repeat step J

m. After you have added all the new Data Providers Click on Exit. Then on the Ingest Specific Files Window click on Continue.

n. In the File Selection pop-up window click on .cfgparms. and OK.

o. Now click on OK in the Configurable Parameters window. (No config changes are needed.)

This will run the Mkcfgs. New .CFG files will be created for all new Polling clients.

p. Now go to the /usr/ecs/<MODE>/CUSTOM/cfg directory.

q. Compare each EcInPolling.<DataProvider>.CFG file with the associated .rgy file.

You will find the Rpclid will have changed. This new information should be loaded into the Registry for all Polling Clients. To compare the .CFG files with the .rgy files I suggest the following

In the /usr/ecs/<MODE>/CUSTOM/cfg directory run the following:

```
foreach file (*.CFG)
echo $file
```

```
diff $file $file.rgy
end
```

The differences in the old .rgy files and the .CFG files will be displayed.

Delete all the *.CFG files except for the ones that have changed.

r. Populate the Registry with the new Polling Client CFG as explained in step 3.

(Note the .rgypatches do not handle multiple instances such as EcInPolling clients or EcInGran servers. Therefore you must use Populate Registry for these type of changes. Also we DO NOT supply registry patches for NEW Servers, Clients, or GUIs.)

7. Move the newly generated .CFG files to .rgy files.

Use the following:

In the /usr/ecs/<MODE>/CUSTOM/cfg directory run the following:

```
foreach file (*.CFG)
echo $file
mv $file $file.rgy
echo $file.rgy
end
```

All the .CFG files are now loaded in the Registry and the ".CFG" files have been moved to ".rgy" files.

8. Even though we have changed the EcInGUI binary no configuration changes are required so no special steps are required on the host where the EcInGUI runs. (xxacsnn)

This completes the Installation of 6A.04_INGEST.02. Please now bring up all Ingest Servers and Polling Clients and verify they start properly by monitoring the appropriate Debug logs.